

ABSTRACT

2 A technique for commonly controlling device drivers includes the arranging of a DIA
3 (Device Independent Access) hierarchy between an application hierarchy and a device driver
4 hierarchy and applying a standardized rule of the DIA hierarchy to the application hierarchy and the
5 device driver hierarchy, and allowing the application hierarchy and the device driver hierarchy to
6 access the device driver hierarchy and the application hierarchy through the standardized rule of the
7 DIA hierarchy, respectively.